ELSEVIER

Biomembranes

Vol. 1372, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Albert, T., see Volk, C. (1372) 28
Ali, S., see Pak, C.C. (1372) 13
Allouch, F., see Gabbita, S.P. (1372) 163
Altendorf, K., see Jung, K. (1372) 311

Baines, D.L., see Gambling, L. (1372) 187
Bakowsky, U., see Vogel, J. (1372) 205
Bally, M.B., see Webb, M.S. (1372) 272
Banerjee, S., see Pector, V. (1372) 339
Barenholz, Y., see Zuidam, N.J. (1372) 151
Batoko, H., de Kerchove d'Exaerde, A., Kinet, J.-M., Bouharmont, J., Gage, R.A., Maraite, H. and Boutry, M.
Modulation of plant plasma membrane H^+-ATPase by phytotoxic lipodepsipeptides produced by the plant pathogen *Pseudomonas fuscovaginae* (1372) 216
Battersby, B.J., Grimm, R., Huebner, S. and Cevc, G.
Evidence for three-dimensional interlayer correlations in cationic lipid-DNA complexes as observed by cryo-electron microscopy (1372) 379
Bellan, C., see El Battari, A. (1372) 174
Bendas, G., see Vogel, J. (1372) 205
Béven, L., Duval, D., Rebuffat, S., Riddell, F.G., Bodo, B. and Wróblewski, H.
Membrane permeabilisation and antimycoplasmic activity of the 18-residue peptaibols, trichorzins PA (1372) 78
Bodo, B., see Béven, L. (1372) 78
Bodo, B., see Duval, D. (1372) 370
Bollini, A., see Rasia, M. (1372) 198
Borchman, D., see Tang, D. (1372) 45
Bouharmont, J., see Batoko, H. (1372) 216
Bourgaux, C., see De Oliveira, M.C. (1372) 301
Boutellier, S., see Lutz, T.A. (1372) 359
Boutry, M., see Batoko, H. (1372) 216
Brasseur, R., see Decout, A. (1372) 102
Brown, R.E., see Kulkarni, V.S. (1372) 347
Butterfield, D.A., see Gabbita, S.P. (1372) 163

Carney, J.M., see Gabbita, S.P. (1372) 163
Caspers, J., see Pector, V. (1372) 339
Cevc, G., see Battersby, B.J. (1372) 379
Choi, L.S.L., see Webb, M.S. (1372) 272
Couvreur, P., see De Oliveira, M.C. (1372) 301
Cullis, P.R., see Webb, M.S. (1372) 272

Decout, A., Labeur, C., Goethals, M., Brasseur, R., Vandekerckhove, J. and Rosseneu, M.
Enhanced efficiency of a targeted fusogenic peptide (1372) 102
de Kerchove d'Exaerde, A., see Batoko, H. (1372) 216
De Oliveira, M.C., Fattal, E., Couvreur, P., Lesieur, P., Bourgaux, C., Ollivon, M. and Dubernet, C.
pH-sensitive liposomes as a carrier for oligonucleotides: a physicochemical study of the interaction between DOPE and a 15-mer oligonucleotide in quasi-anhydrous samples (1372) 301
Deriemaeker, L., see Pector, V. (1372) 339
Dubernet, C., see De Oliveira, M.C. (1372) 301
Duval, D., see Béven, L. (1372) 78
Duval, D., Riddell, F.G., Rebuffat, S., Platzer, N. and Bodo, B.
Ionophoric activity of the antibiotic peptaibol trichorzin PA VI: a ^{23}Na- and ^{35}Cl-NMR study (1372) 370
Düzgünes, N., see Konopka, K. (1372) 55

Eckstein-Ludwig, U., Rettinger, J., Vasilets, L.A. and Schwarz, W.
Voltage-dependent inhibition of the Na^+,K^+ pump by tetraethylammonium (1372) 289
El Battari, A., Zerfaoui, M., Luis, J., Xiao, Z.-L., Kadi, A., Bellan, C., Lombardo, D. and Marvaldi, J.
Functional reconstitution of membrane glycoproteins into lipid vesicles using lectin precipitation. Application to the VIP receptor (1372) 174
El Ouahabi, A., see Pector, V. (1372) 339

Faelli, A., see Tosco, M. (1372) 323
Fattal, E., see De Oliveira, M.C. (1372) 301
Finsy, R., see Pector, V. (1372) 339
Fuks, R., see Pector, V. (1372) 339
Fyfe, G.K., see Gambling, L. (1372) 187

Gabbita, S.P., Subramaniam, R., Allouch, F., Carney, J.M. and Butterfield, D.A.
Effects of mitochondrial respiratory stimulation on membrane lipids and proteins: an electron paramagnetic resonance investigation (1372) 163
Gage, R.A., see Batoko, H. (1372) 216
Gal, A., see Veske, A. (1372) 69
Gambling, L., Olver, R.E., Fyfe, G.K., Kemp, P.J. and Baines, D.L.
Differential regulation of Na^+ and Cl^- conductances by PTX-sensitive G proteins in fetal lung apical membrane vesicles (1372) 187
Ganapathy, V., see He, H. (1372) 244
Gastaldi, G., see Tosco, M. (1372) 323
Goethals, M., see Decout, A. (1372) 102
González-Martínez, M.T., see Linares-Hernández, L. (1372) 1
Grimm, R., see Battersby, B.J. (1372) 379
Gustafson, B. and Ransnäs, L.A.
$G_{\alpha i}$-mediated regulation of the carnitine carrier in S49 lymphoma cells (1372) 255
Guzmán-Grenfell, A.M., see Linares-Hernández, L. (1372) 1

Haest, C.W.M., see Kamp, D. (1372) 91
Harris, N., see Tang, D. (1372) 45
Hartsel, S.C., see Ruckwardt, T. (1372) 283
He, H., Ganapathy, V., Isales, C.M. and Whitford, G.M.
pH-dependent fluoride transport in intestinal brush border membrane vesicles (1372) 244

ELSEVIER

Biomembranes

Vol. 1372, 1998

BIOCHIMICA ET BIOPHYSICA ACTA
BBA

Author Index

Albert, T., see Volk, C. (1372) 28
Ali, S., see Pak, C.C. (1372) 13
Allouch, F., see Gabbita, S.P. (1372) 163
Altendorf, K., see Jung, K. (1372) 311

Baines, D.L., see Gambling, L. (1372) 187
Bakowsky, U., see Vogel, J. (1372) 205
Bally, M.B., see Webb, M.S. (1372) 272
Banerjee, S., see Pector, V. (1372) 339
Barenholz, Y., see Zuidam, N.J. (1372) 151
Batoko, H., de Kerchove d'Exaerde, A., Kinet, J.-M., Bouharmont, J., Gage, R.A., Maraite, H. and Boutry, M.
Modulation of plant plasma membrane H^+-ATPase by phytotoxic lipodepsipeptides produced by the plant pathogen *Pseudomonas fuscovaginae* (1372) 216
Battersby, B.J., Grimm, R., Huebner, S. and Cevc, G.
Evidence for three-dimensional interlayer correlations in cationic lipid-DNA complexes as observed by cryo-electron microscopy (1372) 379
Bellan, C., see El Battari, A. (1372) 174
Bendas, G., see Vogel, J. (1372) 205
Béven, L., Duval, D., Rebuffat, S., Riddell, F.G., Bodo, B. and Wróblewski, H.
Membrane permeabilisation and antimycoplasmic activity of the 18-residue peptaibols, trichorzins PA (1372) 78
Bodo, B., see Béven, L. (1372) 78
Bodo, B., see Duval, D. (1372) 370
Bollini, A., see Rasia, M. (1372) 198
Borchman, D., see Tang, D. (1372) 45
Bouharmont, J., see Batoko, H. (1372) 216
Bourgaux, C., see De Oliveira, M.C. (1372) 301
Boutellier, S., see Lutz, T.A. (1372) 359
Boutry, M., see Batoko, H. (1372) 216
Brasseur, R., see Decout, A. (1372) 102
Brown, R.E., see Kulkarni, V.S. (1372) 347
Butterfield, D.A., see Gabbita, S.P. (1372) 163

Carney, J.M., see Gabbita, S.P. (1372) 163
Caspers, J., see Pector, V. (1372) 339
Cevc, G., see Battersby, B.J. (1372) 379
Choi, L.S.L., see Webb, M.S. (1372) 272
Couvreur, P., see De Oliveira, M.C. (1372) 301
Cullis, P.R., see Webb, M.S. (1372) 272

Decout, A., Labeur, C., Goethals, M., Brasseur, R., Vandekerckhove, J. and Rosseneu, M.
Enhanced efficiency of a targeted fusogenic peptide (1372) 102
de Kerchove d'Exaerde, A., see Batoko, H. (1372) 216
De Oliveira, M.C., Fattal, E., Couvreur, P., Lesieur, P., Bourgaux, C., Ollivon, M. and Dubernet, C.
pH-sensitive liposomes as a carrier for oligonucleotides: a physicochemical study of the interaction between DOPE and a 15-mer oligonucleotide in quasi-anhydrous samples (1372) 301
Deriemaeker, L., see Pector, V. (1372) 339
Dubernet, C., see De Oliveira, M.C. (1372) 301
Duval, D., see Béven, L. (1372) 78
Duval, D., Riddell, F.G., Rebuffat, S., Platzer, N. and Bodo, B.
Ionophoric activity of the antibiotic peptaibol trichorzin PA VI: a ^{23}Na- and ^{35}Cl-NMR study (1372) 370
Düzgünes, N., see Konopka, K. (1372) 55

Eckstein-Ludwig, U., Rettinger, J., Vasilets, L.A. and Schwarz, W.
Voltage-dependent inhibition of the Na^+,K^+ pump by tetraethylammonium (1372) 289
El Battari, A., Zerfaoui, M., Luis, J., Xiao, Z.-L., Kadi, A., Bellan, C., Lombardo, D. and Marvaldi, J.
Functional reconstitution of membrane glycoproteins into lipid vesicles using lectin precipitation. Application to the VIP receptor (1372) 174
El Ouahabi, A., see Pector, V. (1372) 339

Faelli, A., see Tosco, M. (1372) 323
Fattal, E., see De Oliveira, M.C. (1372) 301
Finsy, R., see Pector, V. (1372) 339
Fuks, R., see Pector, V. (1372) 339
Fyfe, G.K., see Gambling, L. (1372) 187

Gabbita, S.P., Subramaniam, R., Allouch, F., Carney, J.M. and Butterfield, D.A.
Effects of mitochondrial respiratory stimulation on membrane lipids and proteins: an electron paramagnetic resonance investigation (1372) 163
Gage, R.A., see Batoko, H. (1372) 216
Gal, A., see Veske, A. (1372) 69
Gambling, L., Olver, R.E., Fyfe, G.K., Kemp, P.J. and Baines, D.L.
Differential regulation of Na^+ and Cl^- conductances by PTX-sensitive G proteins in fetal lung apical membrane vesicles (1372) 187
Ganapathy, V., see He, H. (1372) 244
Gastaldi, G., see Tosco, M. (1372) 323
Goethals, M., see Decout, A. (1372) 102
González-Martínez, M.T., see Linares-Hernández, L. (1372) 1
Grimm, R., see Battersby, B.J. (1372) 379
Gustafson, B. and Ransnäs, L.A.
$G_{\alpha i}$-mediated regulation of the carnitine carrier in S49 lymphoma cells (1372) 255
Guzmán-Grenfell, A.M., see Linares-Hernández, L. (1372) 1

Haest, C.W.M., see Kamp, D. (1372) 91
Harris, N., see Tang, D. (1372) 45
Hartsel, S.C., see Ruckwardt, T. (1372) 283
He, H., Ganapathy, V., Isales, C.M. and Whitford, G.M.
pH-dependent fluoride transport in intestinal brush border membrane vesicles (1372) 244

Heermann, R., see Jung, K. (1372) 311
Hicks-Gomez, J.J., see Linares-Hernández, L. (1372) 1
Huebner, S., see Battersby, B.J. (1372) 379
Hummel, G., see Vogel, J. (1372) 205

Isales, C.M., see He, H. (1372) 244

Janoff, A.S., see Pak, C.C. (1372) 13
Joe, C.O., see Kam, Y. (1372) 384
Jones, M.N., see Nikolova, A.N. (1372) 237
Jung, K., Heermann, R., Meyer, M. and Altendorf, K.
Effect of cysteine replacements on the properties of the turgor sensor KdpD of *Escherichia coli* (1372) 311

Kadi, A., see El Battari, A. (1372) 174
Kam, Y., Kim, D.Y., Koo, S.K. and Joe, C.O.
Transfer of second messengers through gap junction connexin 43 channels reconstituted in liposomes (1372) 384
Kamp, D. and Haest, C.W.M.
Evidence for a role of the multidrug resistance protein (MRP) in the outward translocation of NBD-phospholipids in the erythrocyte membrane (1372) 91
Kardos, T.B., see Mason, A.B. (1372) 261
Kemp, P.J., see Gambling, L. (1372) 187
Kempski, O.S., see Volk, C. (1372) 28
Kempson, S.A.
Differential activation of system A and betaine/GABA transport in MDCK cell membranes by hypertonic stress (1372) 117
Kettmann, U., see Vogel, J. (1372) 205
Kim, D.Y., see Kam, Y. (1372) 384
Kinet, J.-M., see Batoko, H. (1372) 216
Konopka, K., Rossi, J.J., Swiderski, P., Slepushkin, V.A. and Düzgünes, N.
Delivery of an anti-HIV-1 ribozyme into HIV-infected cells via cationic liposomes (1372) 55
Koo, S.K., see Kam, Y. (1372) 384
Kuempel, D., Swartzendruber, D.C., Squier, C.A. and Wertz, P.W.
In vitro reconstitution of stratum corneum lipid lamellae (1372) 135
Kulaev, I., see Lichko, L. (1372) 153
Kulakovskaya, T., see Lichko, L. (1372) 153
Kulkarni, V.S. and Brown, R.E.
Thermotropic behavior of galactosylceramides with *cis*-monoenoic fatty acyl chains (1372) 347

Labeur, C., see Decout, A. (1372) 102
Laggner, P., see Rappolt, M. (1372) 389
Lesieur, P., see De Oliveira, M.C. (1372) 301
Lichko, L., Kulakovskaya, T. and Kulaev, I.
Membrane-bound and soluble polyphosphatases of mitochondria of *Saccharomyces cerevisiae*: identification and comparative characterization (1372) 153
Lim, H.J., see Webb, M.S. (1372) 272
Linares-Hernández, L., Guzmán-Grenfell, A.M., Hicks-Gomez, J.J. and González-Martínez, M.T.
Voltage-dependent calcium influx in human sperm assessed by simultaneous optical detection of intracellular calcium and membrane potential (1372) 1
Liu, D., see Song, Y.K. (1372) 141
Lombardo, D., see El Battari, A. (1372) 174
Luis, J., see El Battari, A. (1372) 174
Lutz, T.A., Wild, S., Boutellier, S., Sutter, D., Volkert, M. and Scharrer, E.
Hyperpolarization of the cell membrane of mouse hepatocytes by lactate, pyruvate, and fructose is due to Ca^{2+}-dependent activation of K^+ channels and of the Na^+/K^+-ATPase (1372) 359

Madsen, B.W., see Yeo, G.F. (1372) 37
Malamud, D., see McConlogue, C.W. (1372) 124
Maraite, H., see Batoko, H. (1372) 216
Marvaldi, J., see El Battari, A. (1372) 174
Mason, A.B., Kardos, T.B. and Monk, B.C.
Regulation and pH-dependent expression of a bilaterally truncated yeast plasma membrane H^+-ATPase (1372) 261
Mattjus, P., see Ohvo-Rekilä, H. (1372) 331
Mayer, L.D., see Webb, M.S. (1372) 272
McConlogue, C.W., Malamud, D. and Vanderlick, T.K.
Interaction of DPPC monolayers with soluble surfactants: electrostatic effects of membrane perturbants (1372) 124
Meers, P., see Pak, C.C. (1372) 13
Meyer, M., see Jung, K. (1372) 311
Mikulecky, P., see Ruckwardt, T. (1372) 283
Monk, B.C., see Mason, A.B. (1372) 261

Nikolova, A.N. and Jones, M.N.
Phospholipid free thin liquid films with grafted poly(ethylene glycol)-2000: formation, interaction forces and phase states (1372) 237
Nilsson, S.E.G., see Veske, A. (1372) 69

Ohvo-Rekilä, H., Mattjus, P. and Slotte, J.P.
The influence of hydrophobic mismatch on androsterol/phosphatidylcholine interactions in model membranes (1372) 331
Ollivon, M., see De Oliveira, M.C. (1372) 301
Olver, R.E., see Gambling, L. (1372) 187
Orsenigo, M.N., see Tosco, M. (1372) 323

Pabst, G., see Rappolt, M. (1372) 389
Pak, C.C., Ali, S., Janoff, A.S. and Meers, P.
Triggerable liposomal fusion by enzyme cleavage of a novel peptide–lipid conjugate (1372) 13
Pector, V., Caspers, J., Banerjee, S., Deriemaeker, L., Fuks, R., El Ouahabi, A., Vandenbranden, M., Finsy, R. and Ruysschaert, J.-M.
Physico-chemical characterization of a double long-chain cationic amphiphile (Vectamidine) by microelectrophoresis (1372) 339
Pierangeli, S., see Tang, D. (1372) 45
Platzer, N., see Duval, D. (1372) 370
Pressl, K., see Rappolt, M. (1372) 389

Ransnäs, L.A., see Gustafson, B. (1372) 255
Rappolt, M., Pressl, K., Pabst, G. and Laggner, P.
L_α-phase separation in phosphatidylcholine–water systems induced by alkali chlorides (1372) 389
Rasia, M. and Bollini, A.
Red blood cell shape as a function of medium's ionic strength and pH (1372) 198
Rebuffat, S., see Béven, L. (1372) 78
Rebuffat, S., see Duval, D. (1372) 370
Rettinger, J., see Eckstein-Ludwig, U. (1372) 289
Riddell, F.G., see Béven, L. (1372) 78
Riddell, F.G., see Duval, D. (1372) 370
Rosseneu, M., see Decout, A. (1372) 102
Rossi, J.J., see Konopka, K. (1372) 55
Rothe, U., see Vogel, J. (1372) 205
Ruckwardt, T., Scott, A., Scott, J., Mikulecky, P. and Hartsel, S.C.
Lipid and stress dependence of amphotericin B ion selective channels in sterol-free membranes (1372) 283
Ruysschaert, J.-M., see Pector, V. (1372) 339

Saxon, D., see Webb, M.S. (1372) 272
Scharrer, E., see Lutz, T.A. (1372) 359
Schmidt, R.R., see Vogel, J. (1372) 205
Schwarz, W., see Eckstein-Ludwig, U. (1372) 289
Scott, J., see Ruckwardt, T. (1372) 283
Scott, A., see Ruckwardt, T. (1372) 283
Seelig, J., see Wenk, M.R. (1372) 227
Slepushkin, V.A., see Konopka, K. (1372) 55
Slotte, J.P., see Ohvo-Rekilä, H. (1372) 331
Song, Y.K. and Liu, D.
Free liposomes enhance the transfection activity of DNA/lipid complexes in vivo by intravenous administration (1372) 141
Squier, C.A., see Kuempel, D. (1372) 135
Subramaniam, R., see Gabbita, S.P. (1372) 163
Sutter, D., see Lutz, T.A. (1372) 359
Swartzendruber, D.C., see Kuempel, D. (1372) 135
Swiderski, P., see Konopka, K. (1372) 55

Tang, D., Borchman, D., Harris, N. and Pierangeli, S.
Lipid interactions with human antiphospholipid antibody, β2-glycoprotein I, and normal human IgG using the fluorescent probes NBD-PE and DPH (1372) 45
Tosco, M., Orsenigo, M.N., Gastaldi, G. and Faelli, A.
pH dependence of Cl/HCO_3 exchanger in the rat jejunal enterocyte (1372) 323

Vandekerckhove, J., see Decout, A. (1372) 102
Vandenbranden, M., see Pector, V. (1372) 339
Vanderlick, T.K., see McConlogue, C.W. (1372) 124
Vasilets, L.A., see Eckstein-Ludwig, U. (1372) 289
Veske, A., Nilsson, S.E.G. and Gal, A.
Organization of the canine gene encoding the E isoform of retinal guanylate cyclase (cGC-E) and exclusion of its involvement in the inherited retinal dystrophy of the Swedish Briard and Briard–Beagle dogs (1372) 69
Vogel, J., Bendas, G., Bakowsky, U., Hummel, G., Schmidt, R.R., Kettmann, U. and Rothe, U.
The role of glycolipids in mediating cell adhesion: a flow chamber study (1372) 205
Volk, C., Albert, T. and Kempski, O.S.
A proton-translocating H^+-ATPase is involved in C6 Glial pH regulation (1372) 28
Volkert, M., see Lutz, T.A. (1372) 359

Wang, Z., see Webb, M.S. (1372) 272
Webb, M.S., Saxon, D., Wong, F.M.P., Lim, H.J., Wang, Z., Bally, M.B., Choi, L.S.L., Cullis, P.R. and Mayer, L.D.
Comparison of different hydrophobic anchors conjugated to poly(ethylene glycol): effects on the pharmacokinetics of liposomal vincristine (1372) 272
Wenk, M.R. and Seelig, J.
Proton induced vesicle fusion and the isothermal $L_\alpha \rightarrow H_{II}$ phase transition of lipid bilayers: a ^{31}P-NMR and titration calorimetry study (1372) 227
Wertz, P.W., see Kuempel, D. (1372) 135
Whitford, G.M., see He, H. (1372) 244
Wild, S., see Lutz, T.A. (1372) 359
Wong, F.M.P., see Webb, M.S. (1372) 272
Wróblewski, H., see Béven, L. (1372) 78

Xiao, Z.-L., see El Battari, A. (1372) 174

Yeo, G.F. and Madsen, B.W.
Modulatory drug action in an allosteric Markov model of ion channel behavior: biphasic effects with access-limited binding to either a stimulatory or an inhibitory site (1372) 37

Zerfaoui, M., see El Battari, A. (1372) 174
Zuidam, N.J. and Barenholz, Y.
Erratum to "Electrostatic parameters of cationic liposomes commonly used for gene delivery as determined by 4-heptadecyl-7-hydroxycoumarin" [Biochim. Biophys. Acta 1329 (1997) 211–222] (1372) 151